

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Davis, et al.

Confirmation No.: To Be Assigned

Group Art Unit: To Be Assigned

Serial No.: To Be Assigned

Examiner: To Be Assigned

Filed: Herewith

Docket No.: 302001-1010

For: Golf Club with Embedded Inertial Measurement Unit and Processing

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or  
(within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement Under 37 C.F.R. 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
 (After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
 (Filed after final office action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Enclosed is a check in the amount of \$ . Please charge \$ to deposit account . At any time during the pendency of this application, please charge any fees required to Deposit Account pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.

- ☒ Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.
- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.


This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**

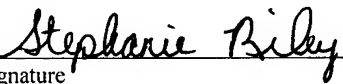
By:

  
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**Adam E. Crall, Reg. No. 46,646**

100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948  
770-933-9500

**CERTIFIED MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as "**First Class Mail**," in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 7/22/03

  
\_\_\_\_\_  
Signature

Form PTO-1449					Attorney Docket No. <b>302001-1010</b>		Serial No. <b>To Be Assigned</b>	
<b>INFORMATION DISCLOSURE CITATION</b>					Applicant <b>Davis, et al.</b>			
<i>(Use several sheets if necessary)</i>					Filing Date <b>Herewith</b>		Group <b>To Be Assigned</b>	

U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	3,945,646	3/23/76	Hammond	273	186	
	B	4,930,787	6/5/90	Nobles, Jr.	273	186	
	C	5,082,283	1/21/92	Conley, et al.	273	186	
	D	5,131,660	7/21/92	Marocco	273	186	
	E	5,169,151	12/8/92	Conley	273	186.2	
	F	5,184,826	2/9/93	Hall, Jr.	273	186.2	
	G	5,233,544	8/3/93	Kobayahsi	364	566	
	H	5,277,428	1/11/94	Goodwin, et al.	273	186.2	
	I	5,332,225	7/26/94	Ura	273	186.2	
	J	5,435,561	7/25/95	Conley	273	186.2	
	K	5,441,269	8/15/95	Henwood	273	186.2	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes    No

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>	
L	Marcel J. Sidi, Cambridge University Press, 1997, "Spacecraft Dynamics and Control," Appendix A "Attitude Transformation in Space," pages 318 – 327.
M	Marcel J. Sidi, Cambridge University Press, 1997, "Spacecraft Dynamics and Control," "Attitude Kinematics Equations of Motion for a Nonspinning Spacecraft," pages 100 - 105.

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	DATE CONSIDERED:
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U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	N	5,688,183	11/18/97	Sabatino, et al.	473	212	
	O	5,694,340	12/2/97	Kim	364	566	
	P	5,709,610	1/20/98	Ognjanovic	473	223	
	Q	5,779,555	7/14/98	Nomura, et al.	473	223	
	R	5,792,001	8/11/98	Henwood	473	224	
	S	5,836,829	11/17/98	Van Cott, et al.	473	224	
	T	5,941,779	8/24/99	Zeiner-Gundersen	473	224	
	U	6,196,932	3/6/01	Marsh, et al.	473	223	
	V	6,261,102	7/17/01	Dugan, et al.	434	252	
	W	6,402,634	6/11/02	Lee, et al.	473	223	
	X	6,413,167	7/2/02	Burke	473	224	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Item	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>		

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U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	Y	6,441,745	8/27/02	Gates	340	669	
	Z	2002/0160848	10/31/02	Burke	473	233	
	A-1	2002/0107085	8/8/02	Lee, et al.	473	221	
	B-1	2002/0123386	9/5/02	Perlmutter	473	223	
	C-1	2002/0077189	6/20/02	Tuer, et al.	473	151	
	D-1	2003/0024311	2/6/03	Perkins	73	493	
	E-1	2003/0017882	1/23/03	Hossack	473	222	

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

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